

**OOMYCETE FTSZ-MT AS A TARGET FOR OOMYCETE-SPECIFIC  
FUNGICIDES**

Abstract of the Disclosure

5       The invention relates to a genes isolated from an oomycete that encode  
homologs of an FtsZ protein. The invention includes methods of using these proteins to  
discover new antimicrobials, based on the essentiality of the gene for normal growth  
and development. The invention can also be used in screening assays to identify  
inhibitors that are potential antimicrobials. These antimicrobials may be used in a  
method of controlling oomycete growth on crop plants and seeds.

10

PATENT

15

S:\DOCS\DOP\DOP-1575.DOC  
012401

FOI b7D b7C b7E b7F b7G b7H b7I b7J b7K b7L b7M b7N b7O b7P b7Q b7R b7S b7T b7U b7V b7W b7X b7Y b7Z